

Off-spec fuel disposal...  
Never again with the Clarus Titan!

**Clarus Titan specifications:**

- Three-stage filtration system
- 0.5 micron particulate removal
- Water removal by coalescer/separator
- Sight-glass – Pyrex
- 0-65 psi operating pressure
- 1 inch Inlet size
- 3/4 inch Outlet size
- 1 Gallon sump capacity (water)
- All NEMA-4 (weatherproof)
- Pressure gauges for:
  - Prefilter stage differential
  - Particulate stage differential
  - Pump pressure
  - Inlet vacuum
- TIG welded aluminum
- 8 inch pneumatic wheels with brakes
- Oven-baked polyester powder coat finish
- Height/width/length (inches) 46/30/42
- Approximate net weight – 325 lbs
- Single phase, 115V, 60Hz, 15A
- Positive displacement pump
- Variable flow 0-15 GPM
- Mechanical bypass (overpressure)
- High quality stainless steel/aluminum parts



**clarus**<sup>®</sup>  
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Since 1992,  
Clarus leads the  
industry in fuels  
recycling and tank  
cleaning.

I was looking for an add-on service that would improve my bottom line, improve customer loyalty and keep my staff busy. Tank cleaning with the Titan was the answer I was looking for. By maintaining our customer's fuel tanks, we have built customer loyalty, made money and seized an opportunity.

Scott Burnside  
Manager  
Compliance Services  
CGRS Inc.  
Fort Collins, CO

The training, the customer support and the reliability of the equipment is what really sets the Titan apart from its competitors.

Mike Long  
Service Manager  
Cashman Equipment  
Sparks, NV

The quality, the reliability and the ability to make money are the reasons I chose the Clarus system. Now after 5 years I realize they also have excellent technical support and customer service too.

David Blue  
Mobile Filtration  
San Diego, CA

"To count on uninterrupted power, we must have both clean fuel and clean tanks. In some of our locations, that can prove to be a real challenge. The Clarus equipment delivers great, dependable service, and leaves us with our original inventory of fuel for re-use."

Mike Garrett  
AT&T Cellular

Visit us and see our other products at:  
[www.clarustechnologies.com](http://www.clarustechnologies.com)



**clarus**<sup>®</sup>  
...fluid intelligence

Recycle your JP-8/Diesel - Save \$ - Reduce Waste  
Clarus and the Titan will help you make it happen - Now!

The **Titan** is a state-of-the art fuel processing/tank cleaning system that uses three stages of filtration, high volume flow rates and variable speed to create a new standard in fuel inventory maintenance.

The **Titan** will:

- Recoup value of off-spec JP-8/ Diesel previously sent off-site
- Eliminate costly disposal procedures and fees
- Allow units to take greater control of fuel inventories

Three stages of filtration:

1.Gross Particulate removal:

The **Titan** features a proprietary duplex bag filter assembly that removes particulate down to 10 microns in size. This duplex system allows for continuous tank cleaning with its alternate chamber flow configuration. One chamber is always in use while the other is being changed out.

2.Fine Particulate removal:

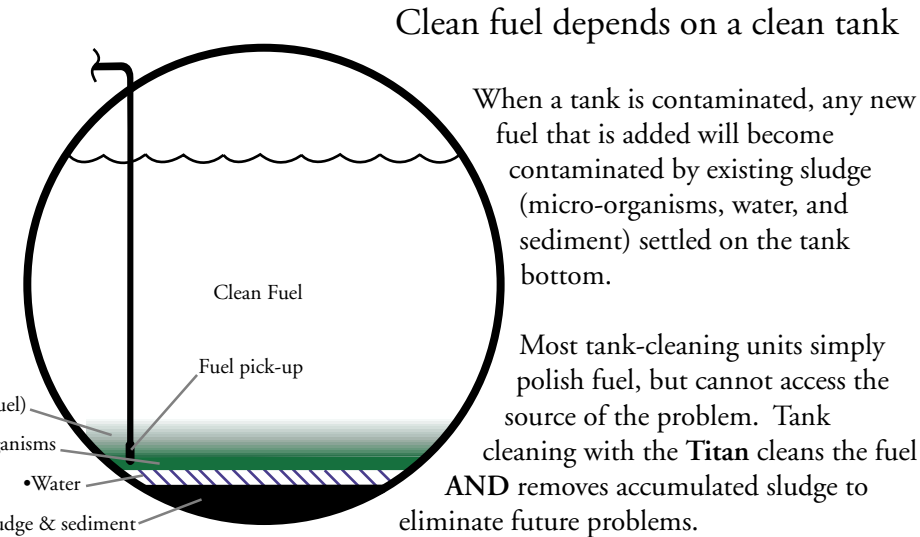
The second stage is a high capacity filter element that filters down to 1/2 micron. At this level of ultra-fine filtration, particulate and even the micro-organisms are filtered out.

3.Water removal:

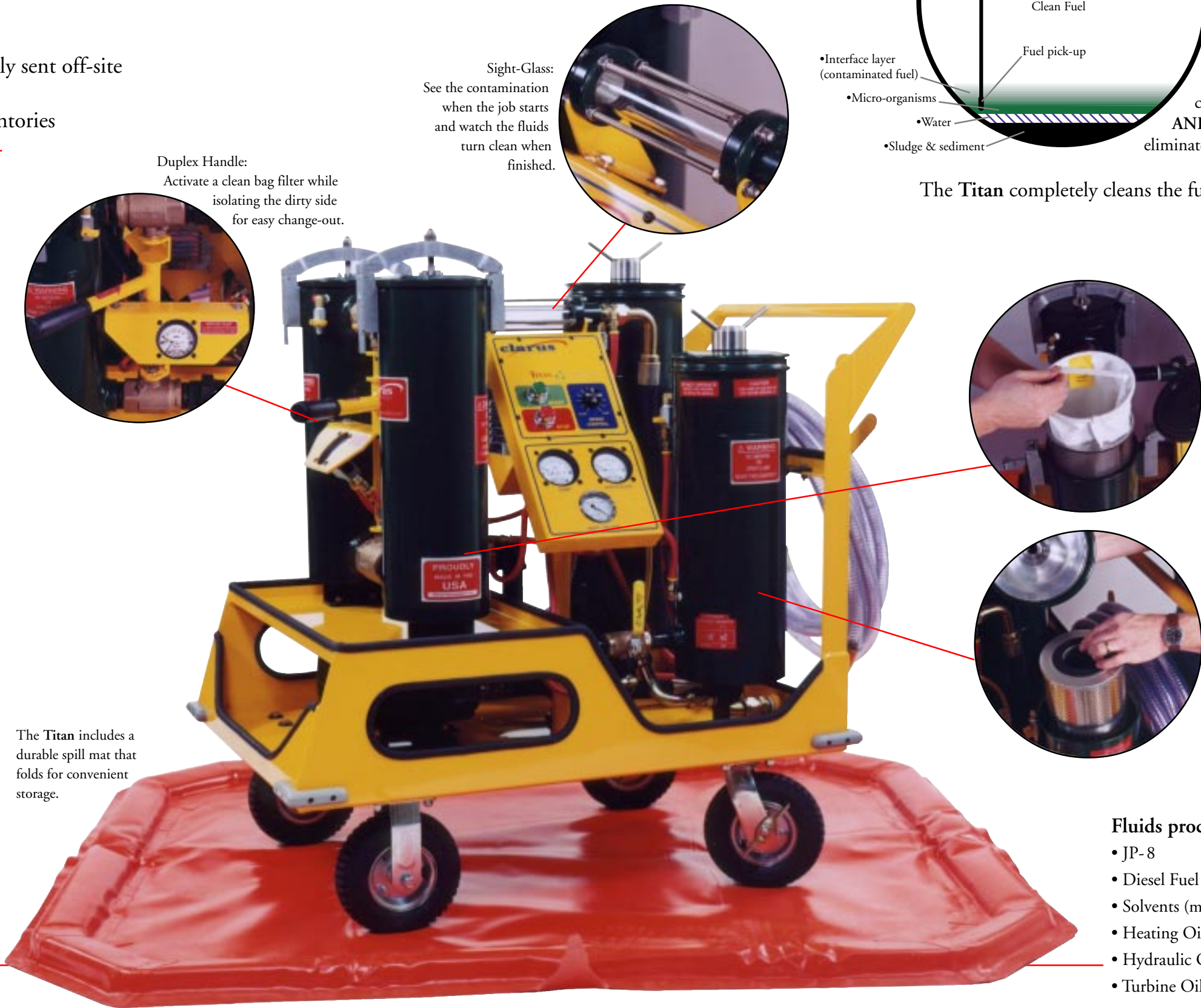
The **Titan's** final stage of filtration removes water using a coalescer/separator filter combination that removes 99%+ of water from fuel at a rate of 15 gpm. This filter combination meets the API 1581 standard and is the same water removal process used for refueling military aircraft and the commercial airliners you fly on.

High volume flow rates / Variable Speed Processing:

The **Titan** has a variable speed pump system. Simply turn the speed knob on the control panel to vary fuel flow rates from 1 to 15 gpm. At start-up it is best to run between 1-7 gpm. Once the gross contaminants have been removed the flow rate can be sped up to 15 gpm to allow for a powerful final flush.



The **Titan** completely cleans the fuel and the tank - *simultaneously*.



Fluids processed with the Clarus Titan:

- JP-8
- Diesel Fuel
- Solvents (minimum 142 degrees flash point)
- Heating Oil
- Hydraulic Oil (with optional oil filter cart)
- Turbine Oil (with optional oil filter cart)